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(71) Applicant (for all designated States except US): **EVEREADY BATTERY COMPANY, INC.** [US/US]; 533 Maryville University Drive, St. Louis, MO 63141 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MARPLE, Jack, W.** [US/US]; 2154 Clifton Way, Avon, OH 44011 (US). **HUANG, Weiwei** [US/US]; 4066 Brewster Drive, Westlake, OH 44145 (US). **WEMPLE, Michael, W.** [US/US]; 2657 Wakefield Lane, Westlake, OH 44145 (US).

(74) Agent: **BARAONA, Robert, C.**; Eveready Battery Company, Inc., 25225 Detroit Road, Westlake, OH 44145 (US).

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(54) Title: LITHIUM-IRON DISULFIDE CATHODE FORMULATION HAVING HIGH PYRITE CONTENT AND LOW CONDUCTIVE ADDITIVES

(57) Abstract: The invention relates to primary electrochemical cells having a jellyroll electrode assembly that includes a lithium-based negative electrode, a positive electrode with a coating comprising iron disulfide deposited on a current collector and a polymeric separator. More particularly, the invention relates to a cell designs and cathode formulations incorporating specific types of conductors to improve cell performance.

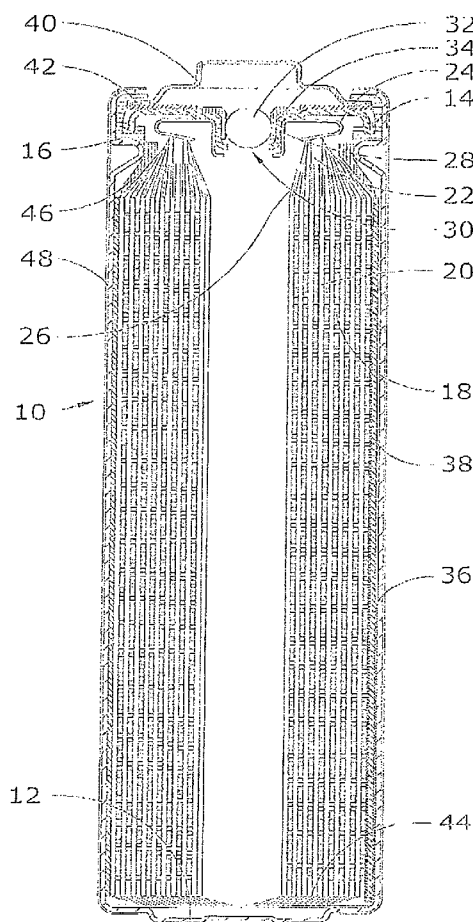


FIGURE 1



KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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